



Date: March 31, 2003

In re Application of: Munehiro et al.

Serial No. 09/434,498

Filed: November 5, 1999

For: REVERSIBLE HEAT-SENSITIVE PAPER AND METHODS FOR WRITING INFORMATION

ASSISTANT COMMISSIONER FOR PATENTS

Box: NON-FEE AMENDMENT  
Washington, D. C. 20231

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- [ ] Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a verified statement previously submitted.
- [ ] A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 is hereby claimed.
- [ XXX ] No additional fee is required.

The fee has been calculated as shown below:

(COL. 1)		(COL. 2)		(COL. 3)		SMALL ENTITY		OTHER THAN A SMALL ENTITY	
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO. PREVIOUSLY PAID FOR		PRESENT EXTRA		RATE		ADDIT. OR RATE	
TOTAL	* 4	MINUS	** 20	=	0	X 9	= \$	X 18	= \$
INDEP.	* 4	MINUS	*** 5	=	0	X 42	= \$	X 84	= \$
[ ] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						X140	= \$	X280	= \$

TOTAL  
ADDIT. FEE \$ -0- OR TOTAL \$

- \* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- \*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.
- The "Highest No. Previously Paid For" (Total or Independent) is the highest number found from the equivalent box in Col. 1 of a prior Amendment or the number of claims originally filed.

- [ ] Please charge my Deposit Account No. 501281 in the amount of \$\_\_\_\_\_. A duplicate copy of this sheet is attached.
- [ ] A check (No. \_\_\_\_\_) in the amount of \$\_\_\_\_\_ is attached.
- [ XXX ] The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 501281. A duplicate copy of this sheet is attached.

- [XX] Any filing fees under 37 CFR 1.16 for the presentation of extra claims.
- [XX] Any patent application processing fees under 37 CFR 1.17.

Joerg-Uwe Szapl  
Reg. No. 31,799

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Munehiro et al.

Serial No. 09/434,498

Filed: November 5, 1999

For: REVERSIBLE HEAT-SENSITIVE  
PAPER AND METHODS FOR  
WRITING INFORMATION

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) Atty. Docket No.: ASAIN0058

)

)

) Group Art Unit: 1774

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) Examiner: B. HESS

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) Date: March 31, 2003

*Handwritten signature and date: 4/28/03*

AMENDMENT (D)

**Box: NON-FEE AMENDMENT**  
Assistant Commissioner for Patents  
Washington, D. C. 20231

Sir:

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In response to the Office Action dated December 10, 2002, please amend the above-identified application as follows:

IN THE CLAIMS:

Kindly amend the claims as follows:

1. (canceled)
2. (canceled)
3. (currently amended): A method of writing information on a reversible heat-sensitive paper, comprising the steps of:

preparing a reversible heat-sensitive paper comprising a reversible heat-sensitive layer that comprises an electron donative dyestuff precursor and a phenol-based compound with long chains in the alkyl group as a reversible developer that colors and uncolors the

*Handwritten signature and initials: 4/28/03*